QUALITY ASSURANCE PROVISIONS

NSN: **1560-00-405-6860** P/N: (78286) 65207-10076-102

NOMENCLATURE: Hook, Up-lock Door

Articles to be furnished hereunder shall be manufactured, tested and inspected in accordance with drawing number (78286) 65207-10076-102 REV "LATEST" and all details and specifications referenced therein.

I. QUALITY/INSPECTION REQUIREMENTS

- **A.** MIL-I-45208 or equivalent applies.
- **B.** Mandatory Inspection applies.
- C. First Article Testing.

II. SUPPLEMENTAL REQUIREMENTS

- **A.** Additionally, paragraphs; 3.1, 3.5, 5.1, 5.2, 6.1, 6.2 of MIL-Q-9858 apply.
- **B.** The contractor shall include on the detailed process operation sheets developed, all in-house manufacturing processes and the identity of all manufacturing sources performing process/operations outside of their facilities. These sheets shall not be revised or altered after the successful completion of FIRST ARTICLE TESTING without the approval from the engineering support activity via the P.C.O.
- **C.** The inspection method sheets, which list the characteristics of each item, produced under the contract shall have serial number traceability to the raw material, casting, or forging. In addition, the contractor is responsible for providing completed inspection method sheets the actual dimensions taken.
- **D.** Markings should be I/A/W MIL-STD-130 REV. AH \cong par. 5.3.3 (a), (b), (c), (g). Method and location shall be I/A/W the drawing.

III. MANDATORY INSPECTION REQUIREMENTS:

A. LEVEL OF INSPECTION (L.O.I.)

- 1) Critical Characteristics: 100% inspection applies
- 2) Major and Minor Characteristics: L.O.I. shall be 1/A/W a sampling plan acceptable to the Q.A.R.

B. CRITICAL CHARACTERISTICS:

Critical: Defined as described below.

- 1) Diametrical and linear dimensions having a total tolerance of .001" or less.
- 2) Surface finishes having a 16 value or less.
- 3) Any geometric feature control requirement with a total tolerance range of .002" or less.
- 4) Angular tolerances with a total range of less than one degree.
- 5) Threads specified to class three or greater.

C. MAJOR AND MINOR CHARACTERISTICS:

1) Shall be defined by the contractor on the inspection method sheets to be delivered with sample items via the cognizant activity.

IV. FIRST ARTICLE TEST REQUIREMENTS

I. Test Sampling Requirements:

A. One First Article Sample required.

II. The tests to be performed under the First Article testing provisions are:

- **A.** Compliance with drawing, (78286) 65207-10076-102 REV "LATEST", and all details and specifications referenced therein
- **B.** Dimensional Check, 100%
- C. Form/Fit
- **D.** Review of documentation as provided under CDRL, DD1423

In addition to the above tests, the First Article Samples to be delivered hereunder shall also be subjected to those tests that will demonstrate that the samples comply with contract requirements.

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III. Testing Location, Cost and Estimated Lead-time:

A. Ship samples/data to:

PSC Box 8021

ATTN: Mr. Steve Lundberg

Code: 3.3.2

Bldg. 159, Door R-4 MCAS, Cherry Point, NC 28533-5040

B. Shipping container marking: **NON RFI**

C. Estimated Cost for Inspection/Test is \$1500

D. Estimated Lead Time for Inspection/Test is 30 days

Within fifteen days of completion of Testing, the NAVAVNDEPOT, Cherry Point, shall prepare and submit two copies of the test report with conclusions and recommendations to the contracting officer.

IV. Shipment and Distribution of Samples

- A. Fourteen (14) days prior to shipment of samples, the cognizant activity shall notify the designated test facility, in writing, of the anticipated shipping date.
- **B.** Samples may be considered as production items provided the samples can be refurbished to Ready for Issue (RFI) condition and provided the samples have inspection approval of the cognizant engineer.
- C. The designated test facility shall be notified as to all shipping data applicable to the sample, such as bill of lading number, method of shipment etc., 14 days prior to shipment.

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CONTRACT DATA REQUIREMENTS LIST

(2 Data Items)

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